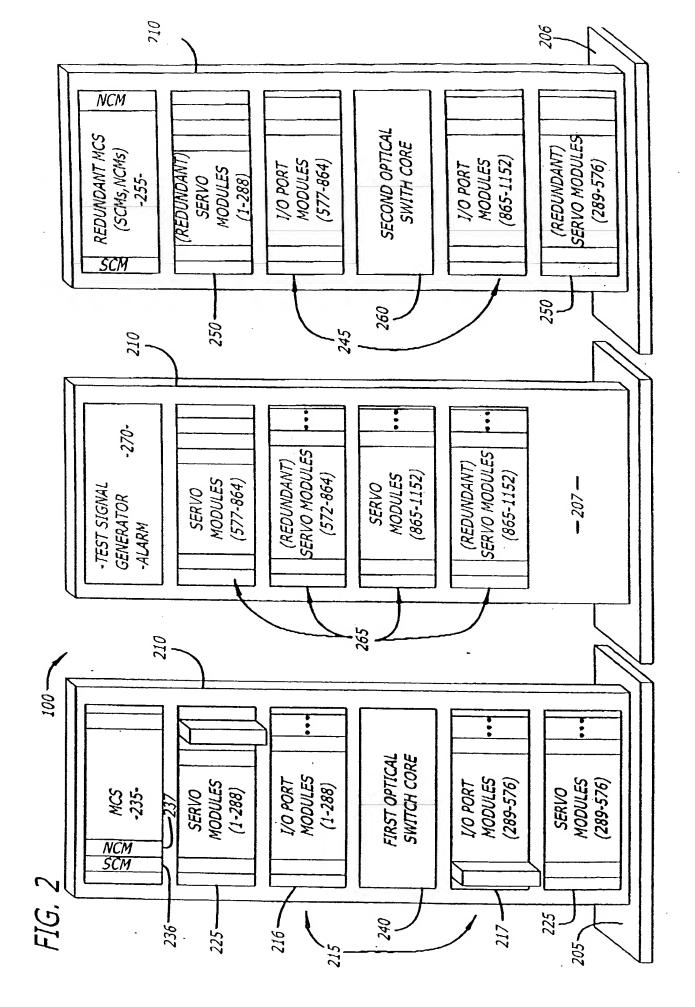
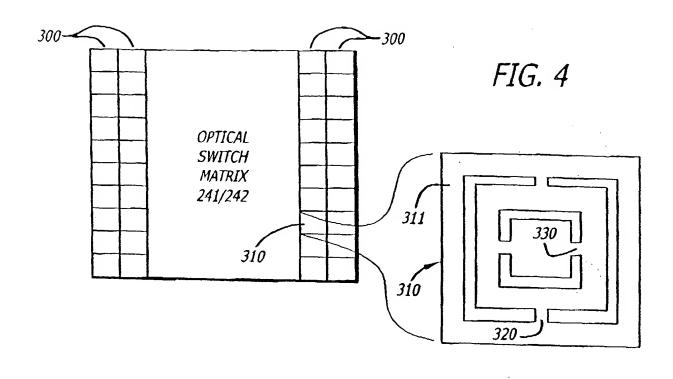
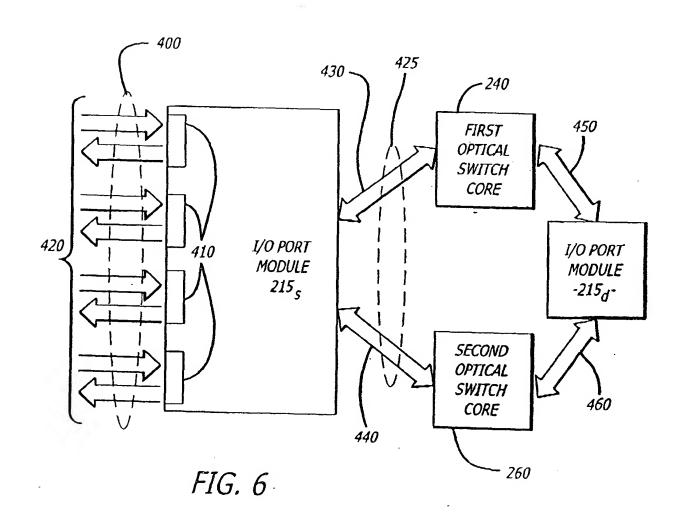


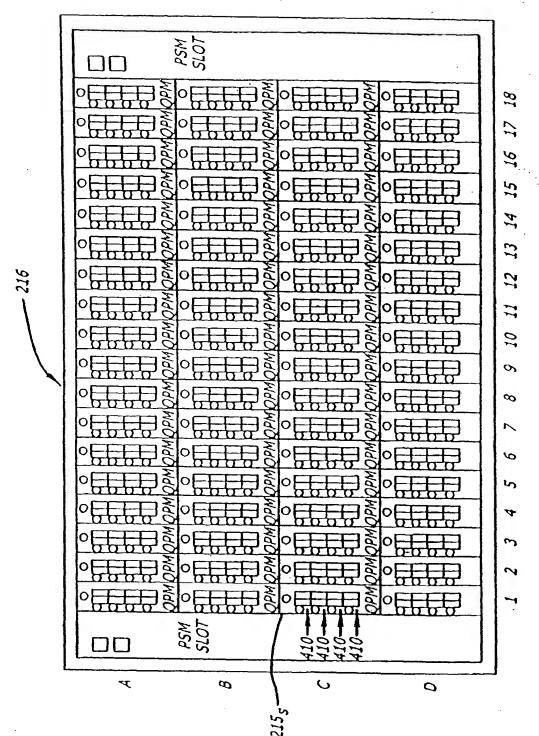
1st Named Inventor: Rajiv Ramaswami Express Mail No.: EV323393520US Sheet: 2 of 24





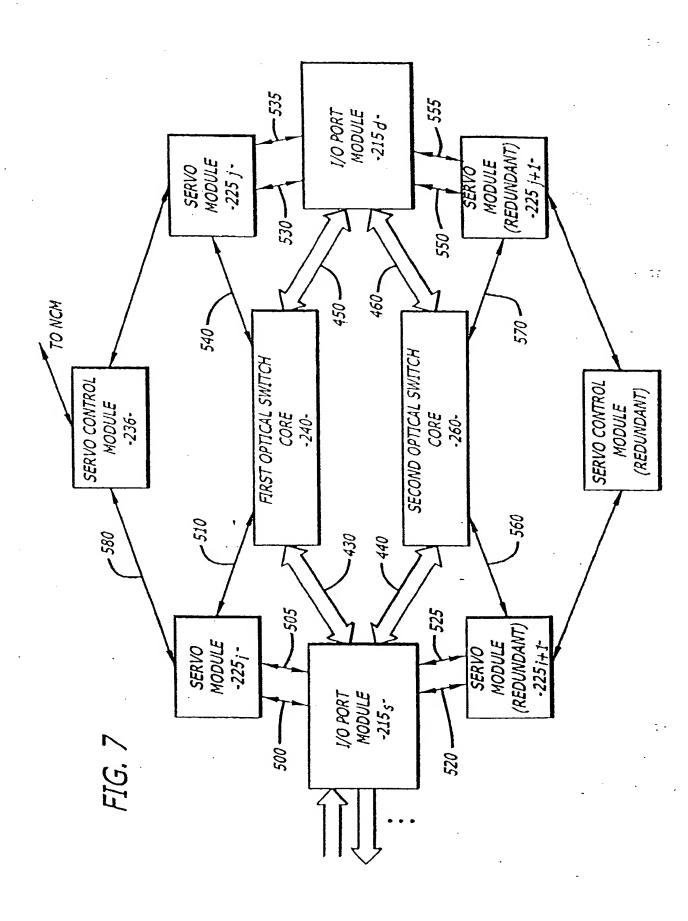


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PM SLOTS

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I/O PORT MODULE

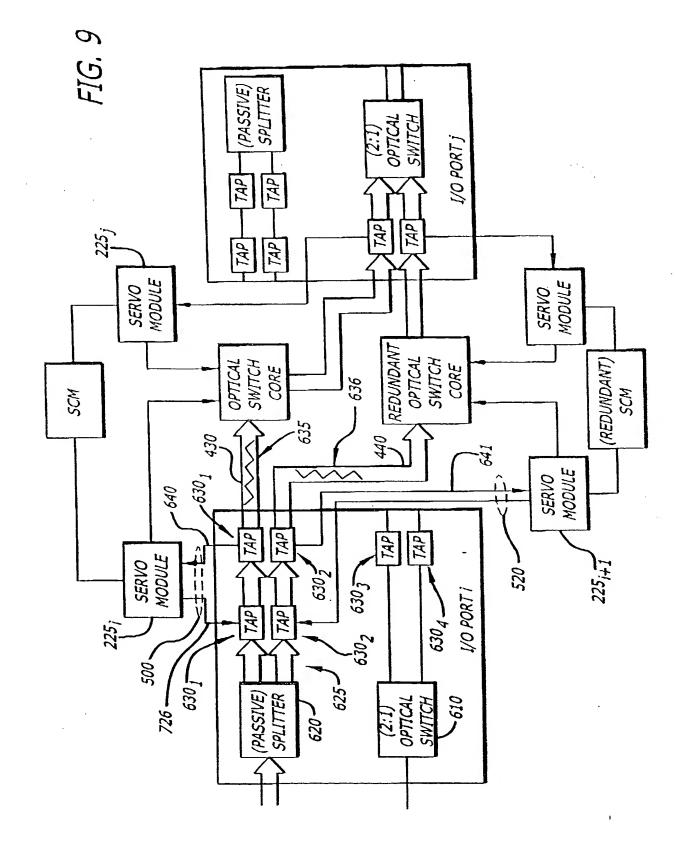
F1G. 8

-2155

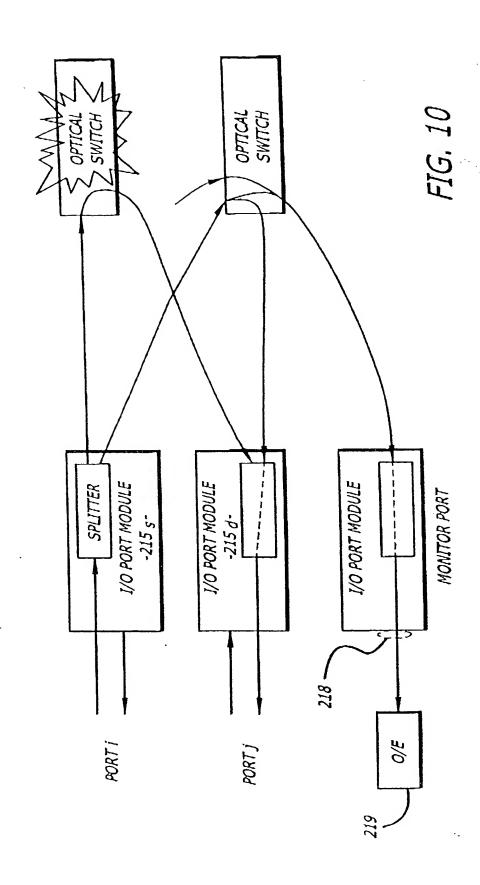
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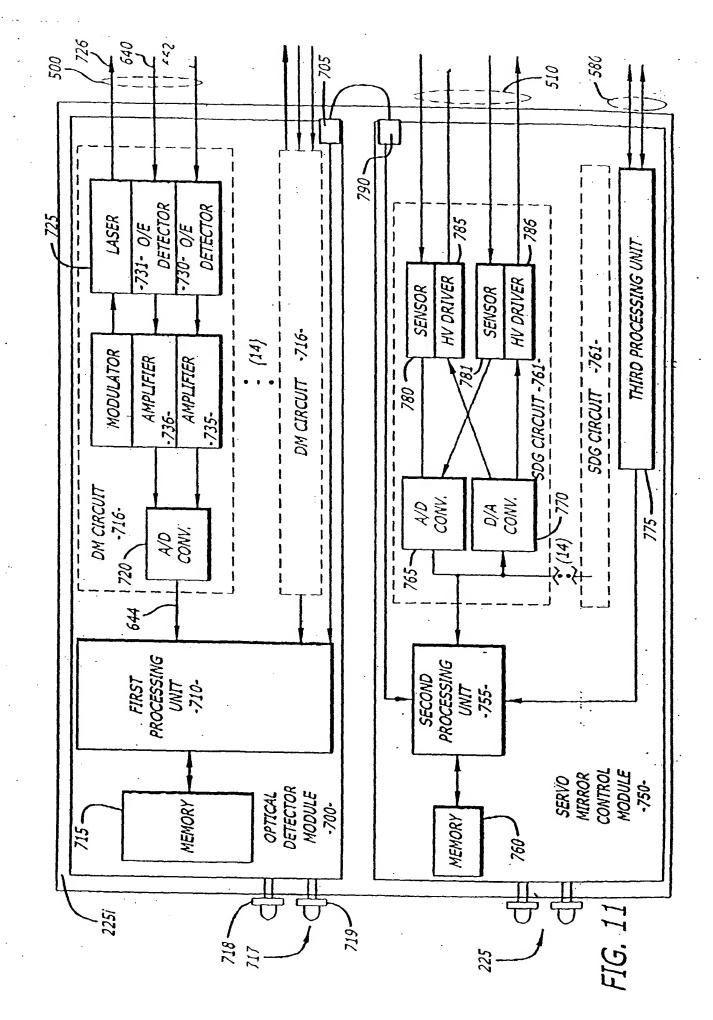
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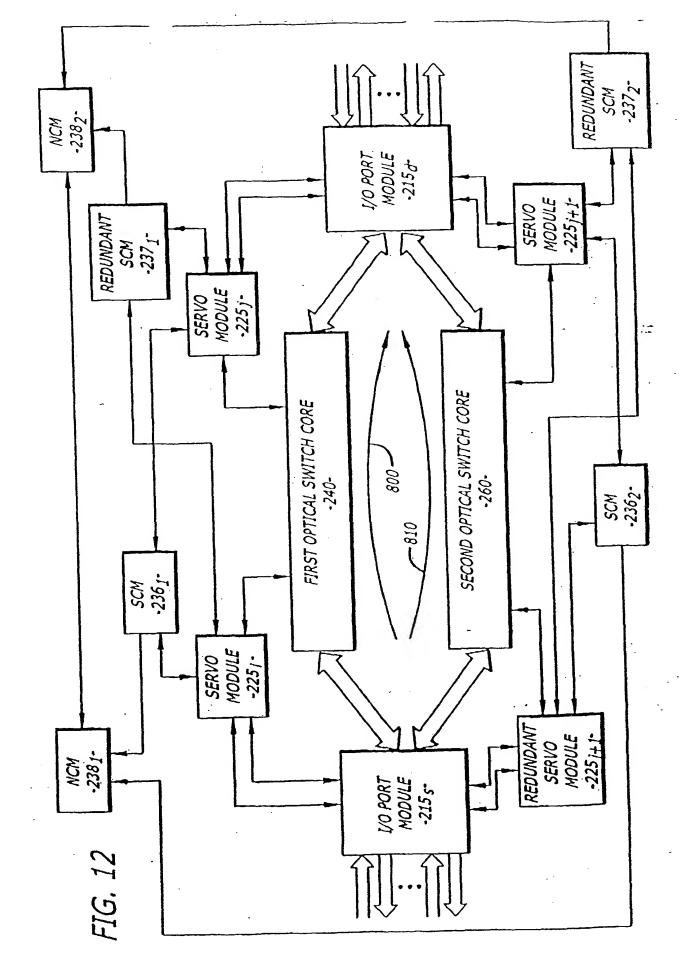


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SWITCH



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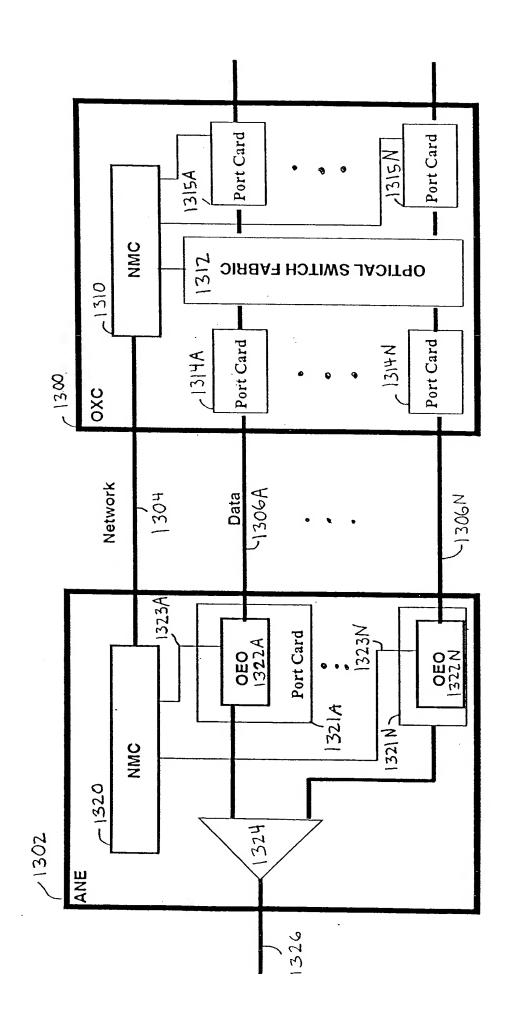


FIG. 13

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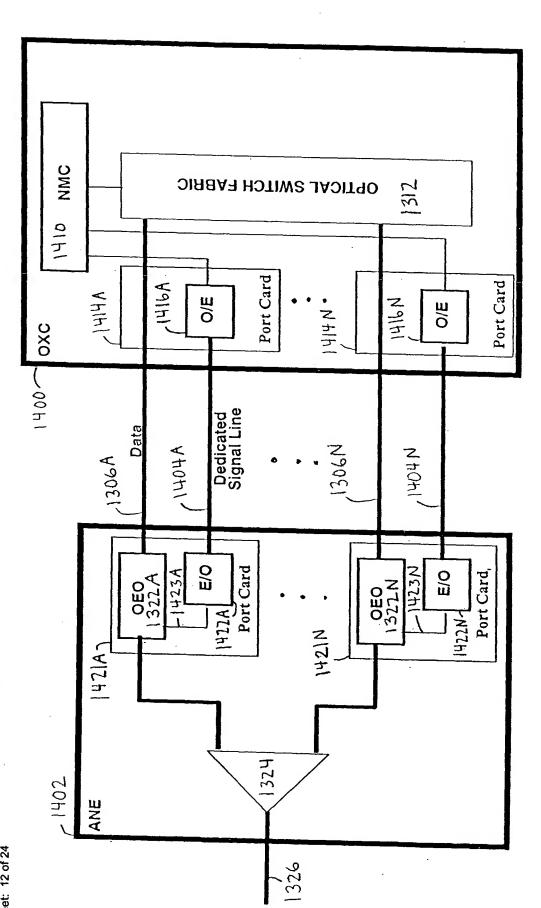


FIG. 14

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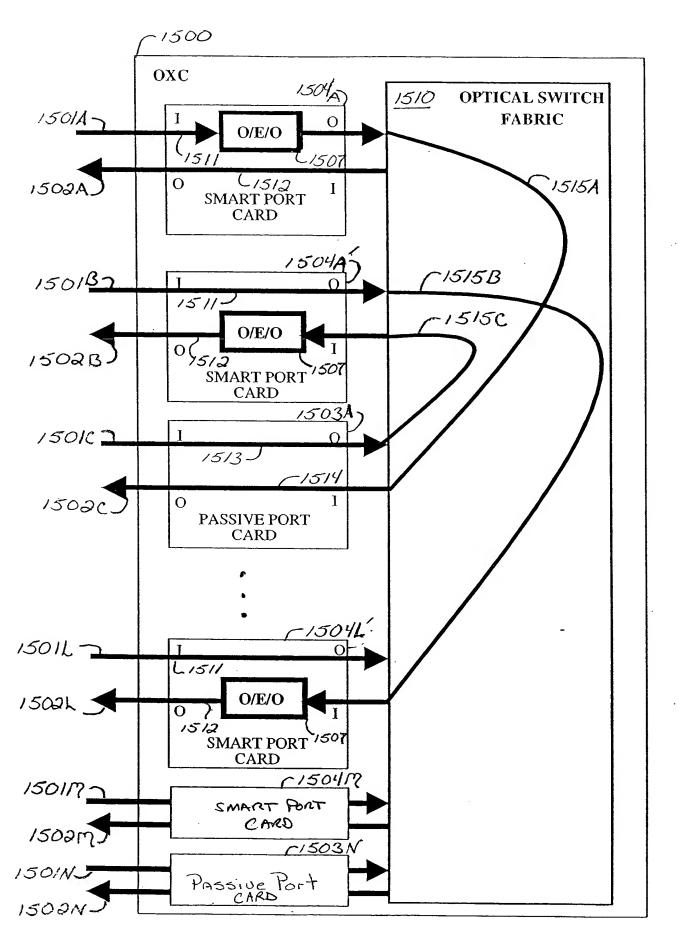
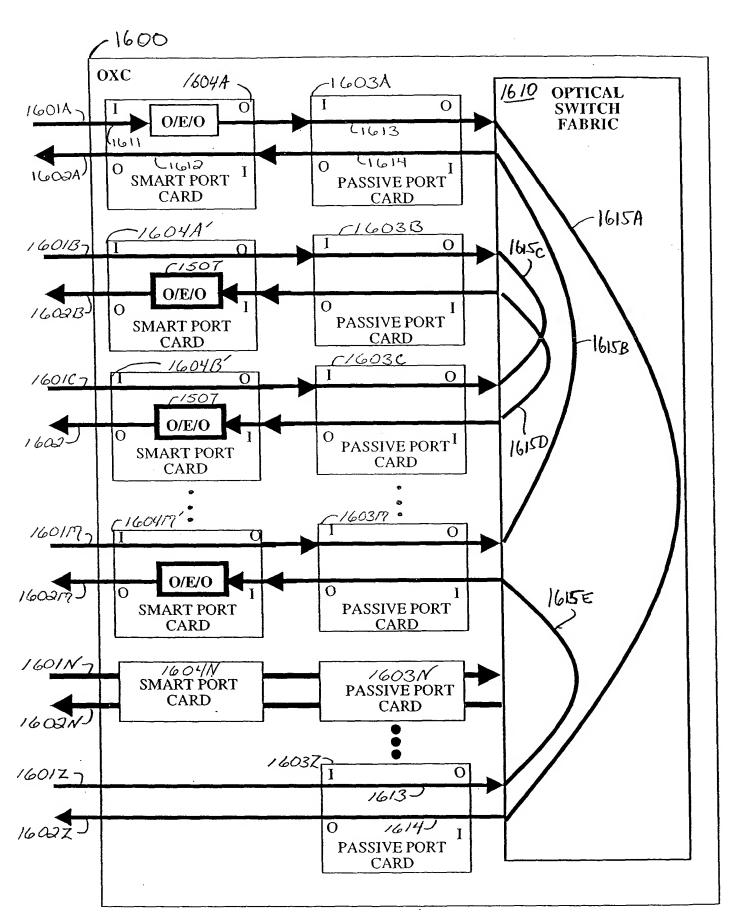


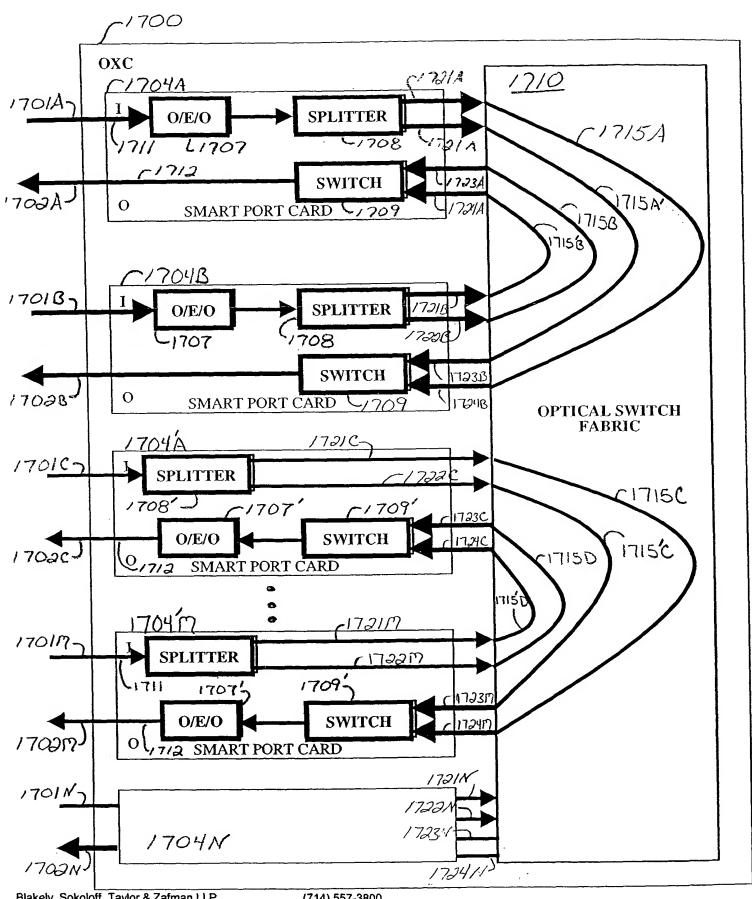
FIG. 15

SWITCH 1st Named Inventor: Rajiv Ramaswami Express Mail No.: EV323393520US Docket No.: 3239P081D3 Sheet: 13 of 24



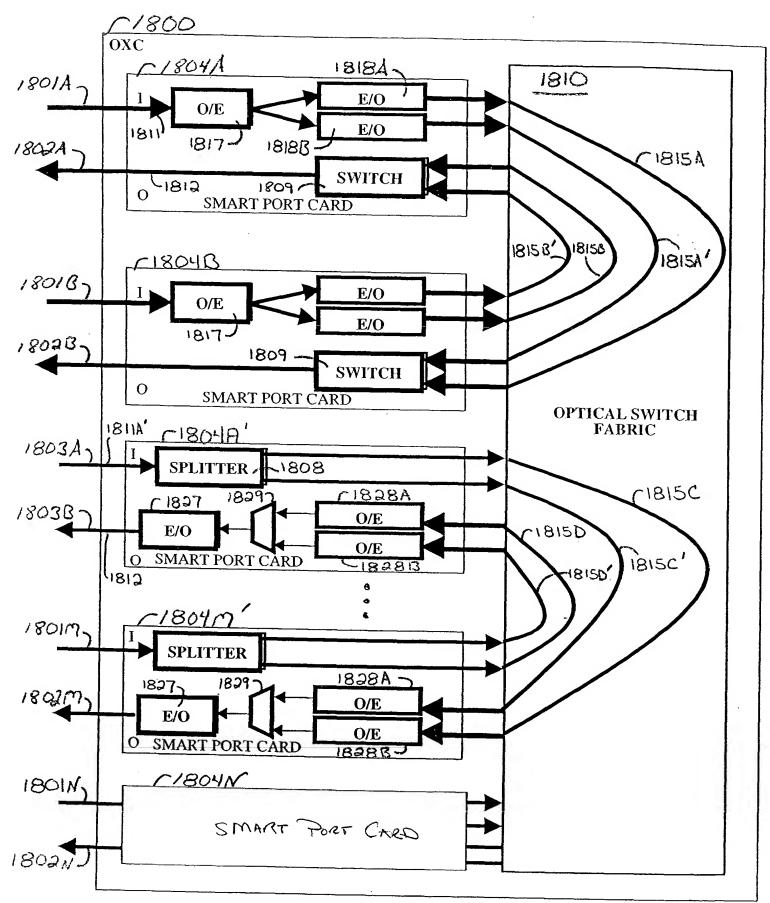
1st Named Inventor: Rajiv Ramaswami Express Mail No.: EV323393520US

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Docket No.: 3239P08153

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Title: METHOD AND APPARATUS FOR OPTICAL TO ELECTRICAL TO OPTICAL CONVERSION IN AN OPTICAL CROSS-CONNECT 1st Named Inventor: Rajiv Ramaswami 1900A Express Mail No.: EV323393520US Docket No.: 3239P081D3 Sheet: 17 of 24 OXC **NMC** 1906 1910A 1921A ~1904A 1915A 19011-19231 O/E/O SPLITTER 19087 -1907 1922A 1909 19313 **SWITCH** (AGOP1 1933 O **SMART PORT CARD** C1904A' 1924A **SPLITTER** 1901B) -1907' 19087 O/E/O **SWITCH** 19028-O SMART PORT CARD 1909) 1924B C1904m 1901777 1921N SMART PORT CARD 1910B 1902m) C1904N 1915A 1923N O/E/O SPLITTER 19014) 1908 1907 1909 1922N **SWITCH** 19021 O SMART PORT CARD 1924N 1905 1935 1925 -1917 -1919 19111 -1926 O/E **SWITCH** TEST PORT/MONITOR CARD

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FIG. 19A

FIG. 19B

F56. 19C

FEG. 19D

FIG. 19E

FIG. 19F

FIG. 196

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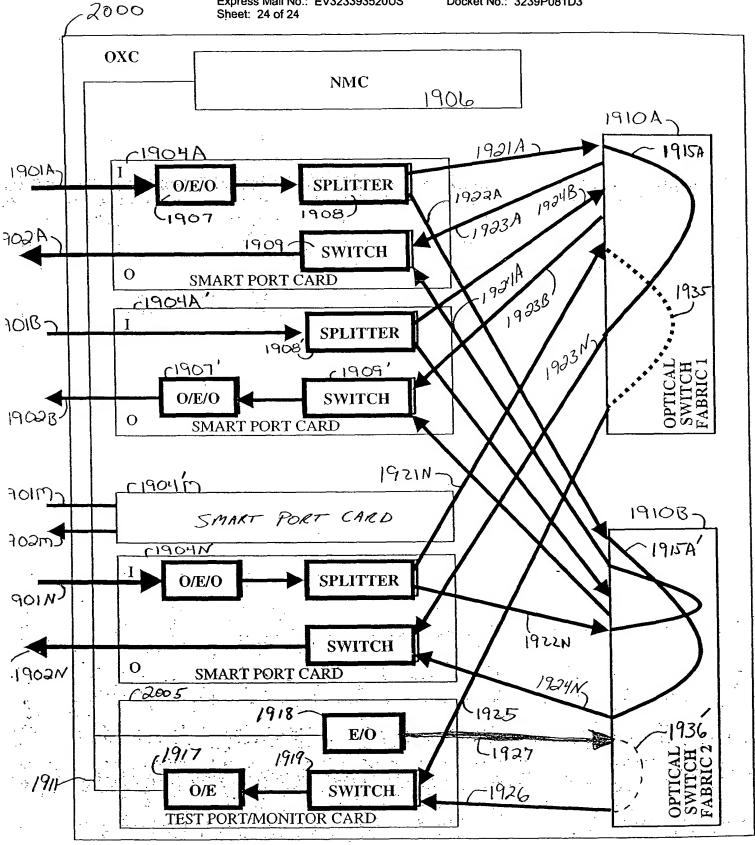


FIG. 20